

IN THE SPECIFICATION

Please amend the abstract as follows:

--A pixel defect detecting and correcting apparatus and method for detecting and
correcting defects where according to the present invention is provided in which the number of
correctable defect pixels is not restricted to the capacity of a memory. The apparatus device and
defects subsequently generated can be detected and corrected; and includes a color difference
and luminance calculating block 1-2 which calculates the absolute values of the color differences
of adjacent pixels and a defect judgment target pixel, and color difference and luminance data.
The apparatus also includes a maximum and minimum data values detecting block 1-3 which
detects the maximum and minimum values of various kinds of data based on values calculated
from the color difference and luminance; a color difference interpolated value calculating block
1-4 and a luminance interpolated value calculating block 1-5 which obtain the color difference
interpolated values and luminance interpolated values of the defect judgment target pixel, respectively;
and a defect judgment and interpolation processing block (1-6) which, using a plurality of defect
detecting methods, concurrently performs defect judgment of the defect
judgment target pixel with respect to each of the defect detecting method and executes
interpolation processing according to the defect detecting methods in the case of pixel defects;
and an interpolated value for use selecting block (1-7) which selects the final output values of
pixels judged to be defective.--